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- [1 Securing distributed storage: challenges, techniques, and systems](#)
[Vishal Kher, Yongdae Kim](#)
 November 2005 StorageSS '05: Proceedings of the 2005 ACM workshop on storage security and survivability
 Publisher: ACM
 Full text available: Pdf (294.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#)
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The rapid increase of sensitive data and the growing number of government agencies that require longterm data retention and protection have forced enterprises to pay serious attention to storage security. In this paper, we discuss important security issues in distributed storage systems.

Keywords: authorization, confidentiality, integrity, intrusion detection, security, storage, survivability

- [2 Scalable security for petascale parallel file systems](#)
[Andrew W. Leung, Ethan L. Miller, Stephanie Jones](#)
 November 2007 SC '07: Proceedings of the 2007 ACM/IEEE conference on supercomputing
 Publisher: ACM
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Petascale, high-performance file systems often hold sensitive data and require high security, but authentication and authorization can dramatically reduce performance. Existing security solutions perform poorly in these environments because they are not designed for petascale environments.

Keywords: capabilities, high-performance computing, scalability, security, storage

- [3 GridBox: securing hosts from malicious and greedy applications](#)
[Evgueni Dodonov, Joelle Quaini, Sousa, Hélio Crestana Guardia](#)
 October 2004 MGC '04: Proceedings of the 2nd workshop on Middleware for Grid Computing
 Publisher: ACM
 Full text available: Pdf (72.98 KB) Additional Information: [full citation](#), [abstract](#), [references](#)
 Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 37, Citation (6 Weeks): 1, Citation (12 Months): 1

Security is an important concern in providing the infrastructure for the infrastructure for the general purpose computational grids. However, most grid implementations do not provide security.

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security concerns in correctly authenticating users and hosts and in the communications ...

4 [The evolution of Coda](#)

 [M. Saiyanarayanan](#)

May 2002 Transactions on Computer Systems (TOCS) , Volume 20 Issue 2
Publisher: ACM

Full text available:  Pdf (441.35 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 227, Citation (

Failure-resilient, scalable, and secure read-write access to shared information and static users over wireless and wired networks is a fundamental component. In this article, we describe how the Coda file system has evolved to meet

Keywords: Adaptation, Linux, UNIX, Windows, caching, conflict resolution, data access, data staging, disaster recovery, disconnected operation, fault availability, hoarding, intermittent networks, isolation-only transactions, networks, mobile computing, optimistic replica control, server replication, cache management, weakly connected operation


5 [A hierarchy-aware approach to faceted classification of object-oriented components](#)



[E. Damiani](#), [M. G. Fugini](#), [C. Bellettini](#)

July 1999 Transactions on Software Engineering and Methodology (TOSEM)
Issue 3

Publisher: ACM

Full text available:  Pdf (310.25 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 88, Citation (

This article presents a hierarchy-aware classification schema for object-oriented software components where software components are classified according to their behavioral characteristics such as provided services, employed algorithms, and needed resources.

Keywords: code analysis, component repositories, component retrieval, user feedback


6 [Corrigenda: a hierarchy-aware approach to faceted classification of object-oriented components](#)



[E. Damiani](#), [M. G. Fugini](#), [C. Bellettini](#)

October 1999 Transactions on Software Engineering and Methodology (TOSEM)
Volume 8 Issue 4

Publisher: ACM

Full text available:  Pdf (310.50 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 79, Citation (

This article presents a hierarchy-aware classification schema for object-oriented software components where software components are classified according to their behavioral characteristics such as provided services, employed algorithms, and needed resources.

7 [Presto: an experimental architecture for fluid interactive document systems](#)

Paul Dourish, W. Keith Edwards, Anthony LaMarca, Michael Salisbury

June 1999 Transactions on Computer-Human Interaction (TOCHI) , v

Publisher: ACM

Full text available: Pdf (409.04 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 138, Citations: 1

Traditional document systems use hierarchical filing structures as the basis for organizing, storing and retrieving documents. However, this structure is in comparison with the rich and varied forms of document interaction and management ...

Keywords: attribute/value systems, direct manipulation, document management

8 [Teaching operating systems: the windows case](#)

Andreas Polze, Dave Probert

March 2006 SIGCSE '06: Proceedings of the 37th SIGCSE technical symposium on Computer science education

Publisher: ACM

Full text available: Pdf (395.21 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 200, Citations: 1

An operating system (OS) is a program that manages computer hardware and software resources and provides common services for computer programs. Today's commercial-off-the-shelf desktop operating systems appear to be a part of PCs and workstation to many users, a fundamental understanding of their algorithms, ...

Keywords: OS curriculum, windows

Also published in:

March 2006 SIGCSE Bulletin Volume 38 Issue 1

9 [Experience with an evolving overlay network testbed](#)

David G. Andersen, Hari Balakrishnan, M. Frans Kaashoek, Robert Morris

July 2003 SIGCOMM Computer Communication Review , Volume 33 Issue 4

Publisher: ACM

Full text available: Pdf (115.26 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 29, Citations: 1

The MIT RON testbed consists of 36 Internet-connected nodes at 31 different locations. It has been in operation for two years. This paper presents an overview of the testbed and summarizes some of the research for which it has proved useful, and provides a list of references.

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